Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Currently Amended) An apparatus for a wireless communication system, comprising:

means for determining available resources in the wireless communication system; ~~and~~

means for determining a threshold based on a time slot utilization by flows and priority violations in real time for existing flows;

means for admitting a new flow only if the total time slot utilization is below the threshold; and

means for admitting a new AF flow based on the sum of an actual time fraction of each AF flow, scaled by a ratio of a required minimum rate and a measured throughput of the new AF flow ~~an admission of a flow~~.

2.   (Original) The apparatus of claim 1, further comprising means for scheduling an adjustment of an existing flow.

3.   (Canceled)

4.   (Canceled)

5.   (Canceled)

6.   (Original) The apparatus of claim 2, further comprising means for adjusting a flow is determining too high a utilization based on priority violations among the flows.

7.   (Original) The apparatus of claim 2, further comprising means for scheduling an adjustment is determining to terminate an EF flow.

8.   (Original) The apparatus of claim 2, further comprising means for scheduling an adjustment is determining to degrade an AF flow to a BE flow.

9.   (Currently amended) A method for information transfer, comprising:

determining a threshold based on a time slot utilization by flows and priority violations in real time for existing flows;

monitoring the time slot utilization;

monitoring the priority violations; ~~and~~

admitting a new flow only if the total time slot utilization is below the threshold <u>and</u>

<u>determining a new AF flow threshold for admitting a new AF flow based on the sum of an actual time fraction of each AF flow, scaled by a ratio of a required minimum rate and a measured throughput of the new AF flow</u>.

10.   (Canceled)

11.   (Canceled)

12.   (Currently amended) The method of information transfer of claim 10, wherein the <u>total time slot utilization is below the threshold of about 30%</u> ~~threshold is approximately in the range of 30 - 50%~~.

13.   (Canceled)

14.   (Currently amended) The method of information transfer of claim <u>9</u> ~~13~~, wherein the required time fraction from the new AF flow is added to the sum.

15.   (Currently amended) The method of information transfer of claim <u>9</u> ~~13~~, wherein the new AF flow is admitted if the total EF plus AF utilization is no larger than a <u>Qos</u> threshold.

16.   (Currently amended) The method of information transfer of claim 15, wherein the Qos threshold is approximately less than about 50% ~~in the range of 30   50%~~.

17.   (Currently amended) The method of information transfer of claim 9 ~~11~~, further comprising computing the average DRC for a new AF user from a moving average of the requested DRC during a connection setup.

18.   (Original) The method of information transfer of claim 9, further comprising terminating an EF flow if its packet loss rate exceeds a value for a period of time.

19.   (Original) The method of information transfer of claim 18, wherein the value is a smoothed drop rate higher than approximately 10%.

20.   (Original) The method of information transfer of claim 18, wherein the period of time is approximately three consecutive seconds.

21.   (Original) The method of information transfer of claim 9, further comprising degrading an AF flow to a BE flow if, over a period of time, the AF flow throughput is low compared with a minimum required rate for AF.

22.   (Original) The method of information transfer of claim 21, wherein the low throughput is a smoothed throughput based on the linear estimation per a number of slots that is lower a percentage of the require rate for longer than a period of time.

23.   (Original) The method of information transfer of claim 22, wherein the number of slots is approximately 300.

24.   (Original) The method of information transfer of claim 22, wherein the period of time is approximately 3 consecutive seconds.

25.   (Canceled)

26.   (Original) The method of information transfer of claim 9, further comprising adjusting a flow with too high a utilization if there are priority violations among flows.

27.   (Canceled)

28.   (Currently amended) A computer-readable storage medium containing a set of instructions for a processor having an interface with other elements of an information transfer system, the set of instructions comprising:

determining a threshold based on a time slot utilization by flows and priority violations in real time for existing flows;

monitoring the time slot utilization;

monitoring the priority violations; and

admitting a new flow only if the total time slot utilization is below the threshold;

determining a required time fraction for existing AF flows by adding an actual time fraction of each AF flow, scaled by a ratio of a required minimum rate and a measured throughput of the new AF flow; and

admitting a new AF flow when the sum of a required time fraction of the new AF flow with the required time fraction for existing AF flows is less than a QoS threshold.

29.   (Currently amended) An apparatus for a wireless communication system, comprising:

a computer readable memory device for containing a priority; and

means for determining available resources in the wireless communication system;

means for determining a threshold based on a time slot utilization by flows and priority violations in real time for existing flows;

means for determining an admission of a new flow only if the total time slot utilization is below the threshold; and

means for determining a new AF flow threshold for admitting a new AF flow based on the sum of an actual time fraction of each AF flow, scaled by a ratio of a required minimum rate and a measured throughput of the new AF flow.